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TITLE : ACTIVE MASS FOR BATTERY

$(C_xF)_n$

ABSTRACT : PURPOSE: To increase discharge voltage and improve voltage flatness of a battery by using as an active mass fibrous graphite fluoride which contains graphite fluoride and hexagonal net plane of carbon is practically parallel to fiber axis and arranged in an annual ring shape.

CONSTITUTION: An active mass of this battery is a fibrous graphite fluoride which contains as at least one part of it graphite fluoride indicated in the formula of $(C_xF)_n$ (X is one and/or two), and hexagonal net plane of the carbon of the fibrous graphite fluoride is practically parallel to fiber axis and arranged in an annual ring shape. The fibrous graphite fluoride is prepd by fluorinating fibrous graphite which is manufactured by high temperature of fibrous carbon or graphite which contains as at least one part of it structures that hexagonal net plane of carbon is practically parallel to fiber axis and arranged in an annual ring shape.

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